

AVAULTIS

User Guide

Video Data Orchestration, Retention and Playback

DOCUMENT VERSION 1.0 | SEPTEMBER 2026 | PRODUCT: AVAULTIS

Software applicability: confirm current product compatibility against the AVAULTIS compatibility information provided with your software or on the AVAULTIS product site.

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1. About This Guide

This guide explains how to configure and operate AVAULTIS for supported video-management workflows. It is intended for VMS administrators, IT staff and system operators responsible for connecting AVAULTIS to a VMS, managing video-data lifecycle policies, monitoring storage activity, restoring archived footage and reviewing recorded video.

Installation of the AVAULTIS Local App is covered separately in the AVAULTIS Installation Guide. This guide begins after the software is installed and reachable in a browser.

Documentation conventions. Bold text identifies labels and controls shown in the interface. Numbered steps indicate actions to perform in sequence.

2. AVAULTIS Overview

AVAULTIS is a data orchestration platform that works alongside the VMS to manage where recorded video resides over time. It can replicate recordings from local VMS storage to supported cloud storage, apply retention policies, restore cloud-resident recordings when needed and provide operational visibility into the video-data lifecycle.

For the video workflow documented in this guide, AVAULTIS supports direct VMS connectivity, automatic discovery of VMS configuration and camera information, storage-path mapping, lifecycle policies, upload controls, diagnostics and built-in playback.

Core workflow: MOVE · REPLICATE · PLACE · RESTORE · MANAGE

Typical administrator workflow

- Activate AVAULTIS and complete guided setup.
- Connect to the supported VMS and select discovered cameras.
- Configure supported cloud storage and map local recording paths.
- Set replication, local-retention and restore-retention policies.
- Tune bandwidth, concurrency and upload scheduling.
- Monitor the lifecycle dashboard and storage diagnostics.
- Browse recordings and restore or play historical video when required.

3. Before You Begin

Have the following information available before configuration:

- AVAULTIS license key.
- VMS server URL and administrator credentials.
- Supported cloud-storage credentials and target bucket information.

- Desired replication timing, local retention and restore-retention policy.
- Expected bandwidth and operational upload windows.

Current product compatibility should be confirmed against the AVAULTIS compatibility information provided with your software or on the AVAULTIS product site.

4. Product Navigation

AVAULTIS uses a persistent left-hand navigation organized around operational tasks. The main areas used in this guide are Dashboard, VMS Profile, VMS Integration, Configuration, Files, Media Player and Storage Diagnostics.

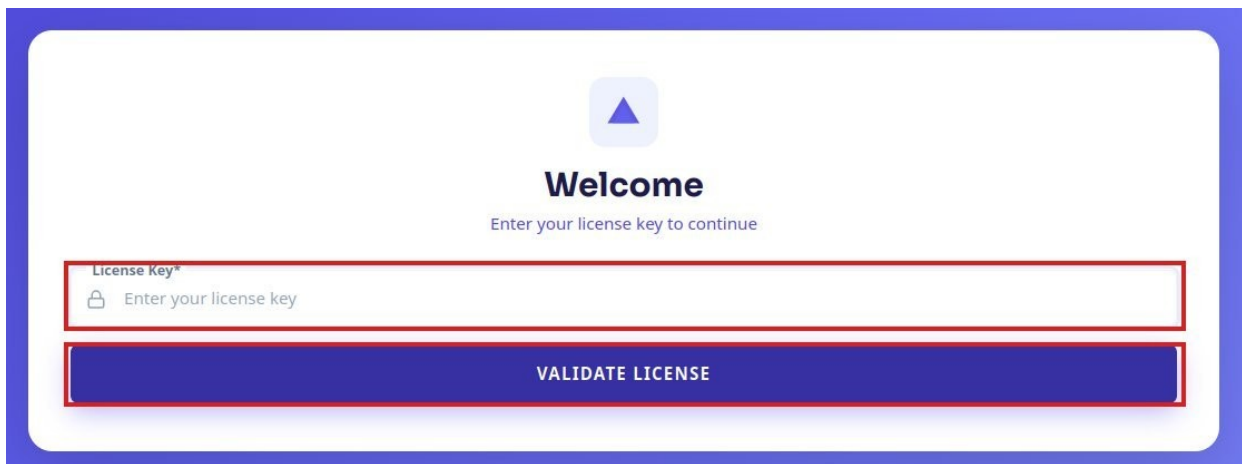
Configuration screens include contextual guidance to help administrators understand the decision being made and the effect of each setting.

5. Configure AVAULTIS

The guided setup presents the main configuration areas in a recommended sequence. Complete each step before moving into normal operation.

5.1 Activate Your License

1. Open AVAULTIS in a browser.
2. Enter the license key issued for your deployment.
3. Select **VALIDATE LICENSE**.
4. After validation, AVAULTIS opens the Dashboard and presents guided setup.

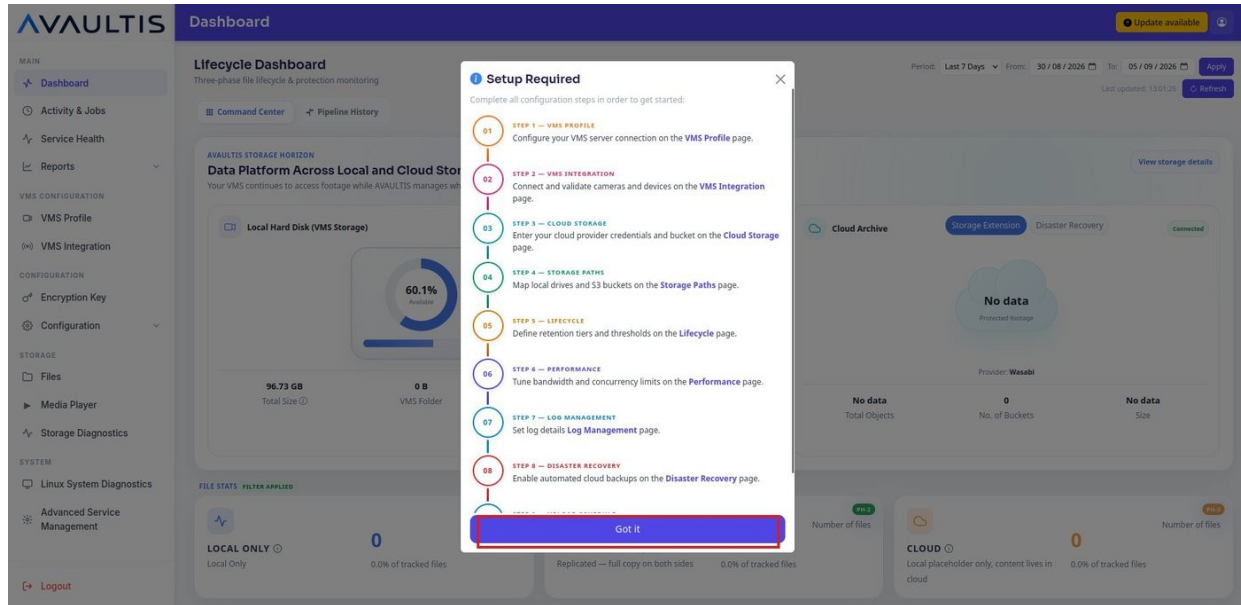


License activation screen.

5.2 Complete Guided Setup

The setup dialog provides the recommended order for configuration: VMS Profile, VMS Integration, Cloud Storage, Storage Paths, Lifecycle, Performance, Log Management, Disaster Recovery and Upload Schedule.

1. Review the setup sequence.
2. Select **Got it** to begin.
3. Use **Save & Continue** on each configuration page to progress through setup.



Guided setup dialog.

5.3 Connect the VMS and Discover Cameras

AVAULTIS connects directly to the VMS and discovers camera information through the VMS connection, avoiding manual camera inventory entry.

1. Open **VMS Profile**.
2. Select the supported VMS profile.
3. Enter the VMS URL, administrator username and password.
4. Save the configuration.
5. Review the discovered camera list and enable the cameras AVAULTIS should manage.
6. Use **Refresh** to re-discover cameras when the VMS configuration changes.

The camera list shows discovered and selected cameras and their status as reported by the VMS.

VMS connection and discovered-camera selection.

5.4 Configure VMS Integration

The VMS Integration page controls optional event forwarding from AVAULTIS to the VMS. When enabled, configure the VMS API endpoint, authentication token and minimum logging level, then save the settings.

This feature is separate from the VMS Profile connection used for VMS configuration and camera discovery.

VMS Integration configuration.

5.5 Configure Cloud Storage

Configure the supported cloud-storage account used for video replication. AVAULTIS currently supports AWS S3 and Wasabi for the workflow documented in this guide.

1. Open Cloud Storage.

2. Select the supported provider.
3. Enter the required region and credentials.
4. Apply the configuration and continue to Storage Paths.

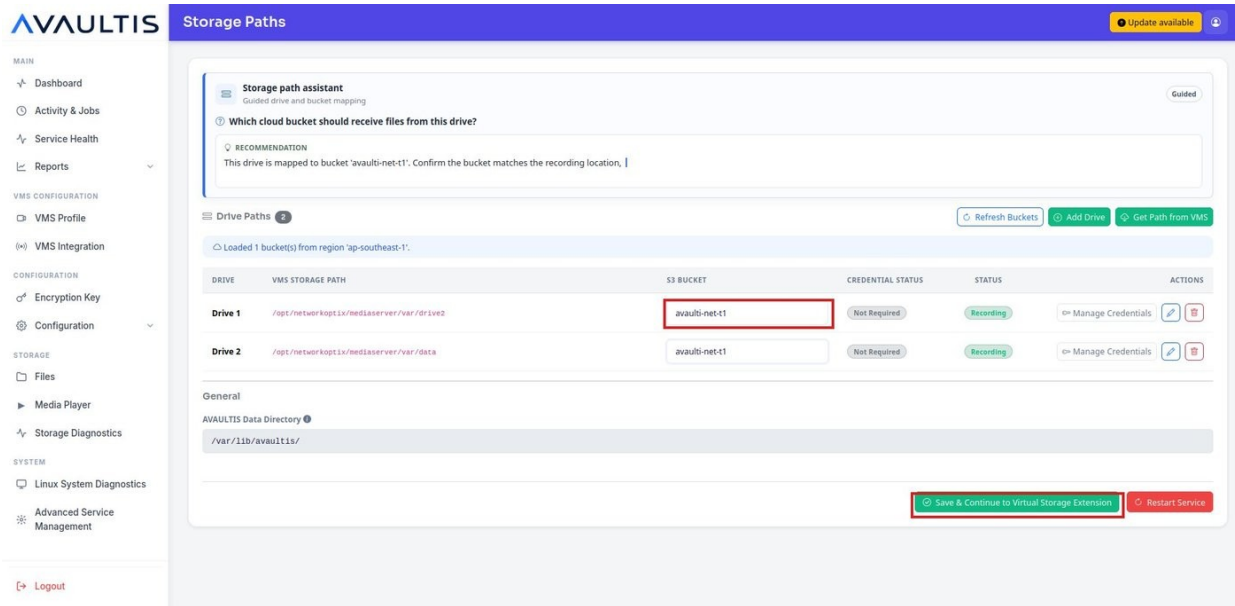
Treat access keys and secret keys as sensitive credentials and scope them to the permissions required for storage discovery and replication.

Cloud-storage configuration.

5.6 Map Storage Paths

Map each local VMS recording drive to the cloud bucket that should receive replicated recordings.

1. Open **Storage Paths**.
2. Review the VMS storage paths detected by AVAVULTIS.
3. Assign the appropriate cloud bucket to each recording drive.
4. Confirm drive and credential status.
5. Save the mappings and continue.



Storage-path and bucket mapping.

5.7 Configure Lifecycle Policies

Lifecycle settings determine when recordings replicate, how long they remain locally available and how restored files are retained.

1. Open **Lifecycle**.
2. Set when recordings should begin replicating.
3. Set how long recordings should remain on local storage.
4. Set how long restored files should remain local after retrieval.
5. Choose the permanent-deletion behavior appropriate for your policy.
6. Review the visual recording journey and save the policy.

Use retention values that match operational requirements, storage capacity and applicable data-retention policies.

The image displays two screenshots of the AVAULTIS Lifecycle configuration interface. The top screenshot shows the 'Lifecycle setup assistant' with a recommendation to keep files locally for 4 minutes. The bottom screenshot shows the 'Recording journey' timeline with a timeline from 0 to 4 minutes.

Top Screenshot: Lifecycle setup assistant

- How long would you like to keep files locally?**
 - RECOMMENDATION: You've selected 4 minutes. Active AVAULTIS usage usually needs at least 30 minutes locally, while normal retention is around 30 days.
- When should recordings replicate to the cloud?** 7 Minutes
- How long should recordings remain stored locally?** 4 Minutes
- Restored file retention on local storage (in days)** 1
- Permanent deletion policy**
 - Decide whether the cloud copy remains independently protected or follows permanent deletion from the VMS.
 - Follow VMS deletion — Default**
 - When AVAULTIS confirms that the VMS or a user has permanently deleted a recording, the corresponding cloud copy is also deleted.
- RECORDING JOURNEY — HOW IT WORKS**
 - 1. Local Only** (First 1 minute): Recordings are stored only on the local device.
 - 2. Replication Begins** (After 1 minute): Recordings begin replicating to cloud storage.
 - 3. Local + Cloud** (For the next 3 minutes): Recordings remain available on both local and cloud storage.

Bottom Screenshot: Lifecycle

- When should recordings replicate to the cloud?** 1 Minutes
- How long should recordings remain stored locally?** 4 Minutes
- Restored file retention on local storage (in days)** 1
- Permanent deletion policy**
 - Decide whether the cloud copy remains independently protected or follows permanent deletion from the VMS.
 - Follow VMS deletion — Default**
 - When AVAULTIS confirms that the VMS or a user has permanently deleted a recording, the corresponding cloud copy is also deleted.
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 - 2. Replication Begins** (After 1 minute): Recordings begin replicating to cloud storage.
 - 3. Local + Cloud** (For the next 3 minutes): Recordings remain available on both local and cloud storage.
- Timeline:** 0 minutes — Recording starts | 1 minute — Replication begins | 4 minutes — Local storage will be stubbed
- Buttons:** Save & Continue to Performance, Restart Service

Lifecycle configuration and recording journey.

5.8 Tune Performance

Performance settings control upload bandwidth and concurrent transfers so AVAULTIS can operate within the capacity of the VMS server and network.

1. Open **Performance** and review capacity-readiness checks.
2. Indicate whether the internet connection is dedicated to AVAULTIS or shared.
3. Set an appropriate bandwidth limit.
4. Set the maximum concurrent uploads.
5. Save the configuration.

AVAULTIS

MAIN

Dashboard

Activity & Jobs

Service Health

Reports

VMS CONFIGURATION

VMS Profile

VMS Integration

CONFIGURATION

Encryption Key

Configuration

STORAGE

Files

Media Player

Storage Diagnostics

SYSTEM

Linux System Diagnostics

Advanced Service Management

Logout

Performance

Update available

Performance setup assistant

Guided upload tuning

How aggressively should AVAULTIS upload files?

RECOMMENDATION

Leave bandwidth unlimited when the network is dedicated to uploads. Lower it on shared links, then increase concurrent uploads gradually until storage and network usage stay stable.

Capacity readiness

Refresh

CHECK	DETECTED / CURRENT	RECOMMENDED	STATUS
AVAULTIS-enabled camera resources	4 used for sizing (4 configured, 4 offline)	2 pending files, no meaningful backlog	Ready
Aggregate recording bitrate	0.9 Mbps	—	Observed
Upload speed	Not measured — configure cloud storage	1.2 Mbps required	Unknown
Concurrent uploads	4	4	Ready
Processor	2 logical	8 logical	Warning
Memory	7.6 GB	16 GB	Warning
Storage speed	191.5 MB/s	150 MB/s	Ready
Upload backlog	2 files (96.8 MB)	Unknown — no reliable recent upload-throughput measurement to estimate a trend from	Unknown

Internet connection use

Dedicated to AVAULTIS Shared with other services

Available Internet Bandwidth (Mbps) — optional

Used only to recommend a bandwidth limit below 50% of this value. Never measured automatically.

Bandwidth Limit (Mbps): 1000

Available Internet Bandwidth is not configured, so no automatic recommendation is available. Bandwidth Limit shown above is the current saved/default value — it is not derived from a measured or assumed internet speed.

Required: 1.2 Mbps Recommended internet speed: 1.5 Mbps Upload speed: Not configured — No bucket is configured for the active provider: [Test Again](#)

Max Concurrent Uploads: 4

Recommended: 4 Allowed range: 1–250

Reason: Recording workload is steady for 4 cameras with no meaningful upload backlog.

4 concurrent uploads are recommended for the detected workload and available system capacity.

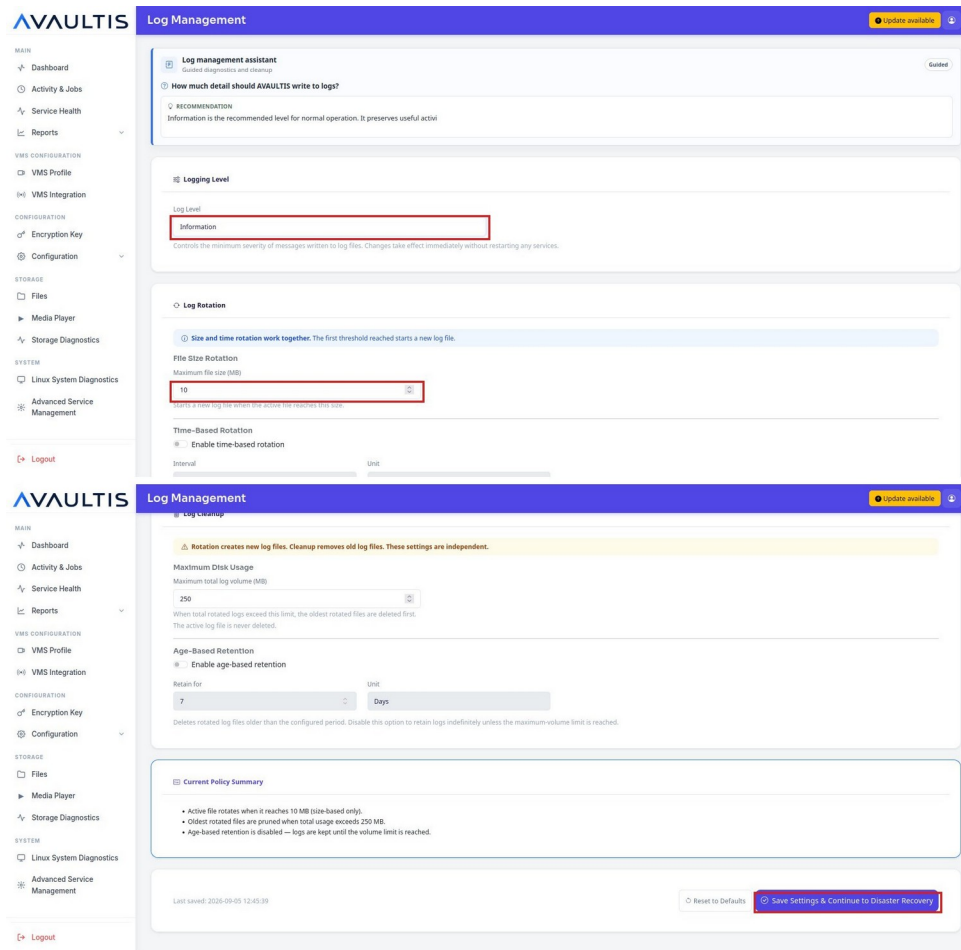
Save & Continue to Log Management Restart Service

Performance readiness and upload controls.

5.9 Configure Log Management

Use Log Management to set the operational logging level, rotation thresholds and cleanup policy. Information-level logging is appropriate for normal operation unless troubleshooting requires additional detail.

- Set logging level.
- Configure size/time rotation as needed.
- Set maximum log volume and optional age-based retention.

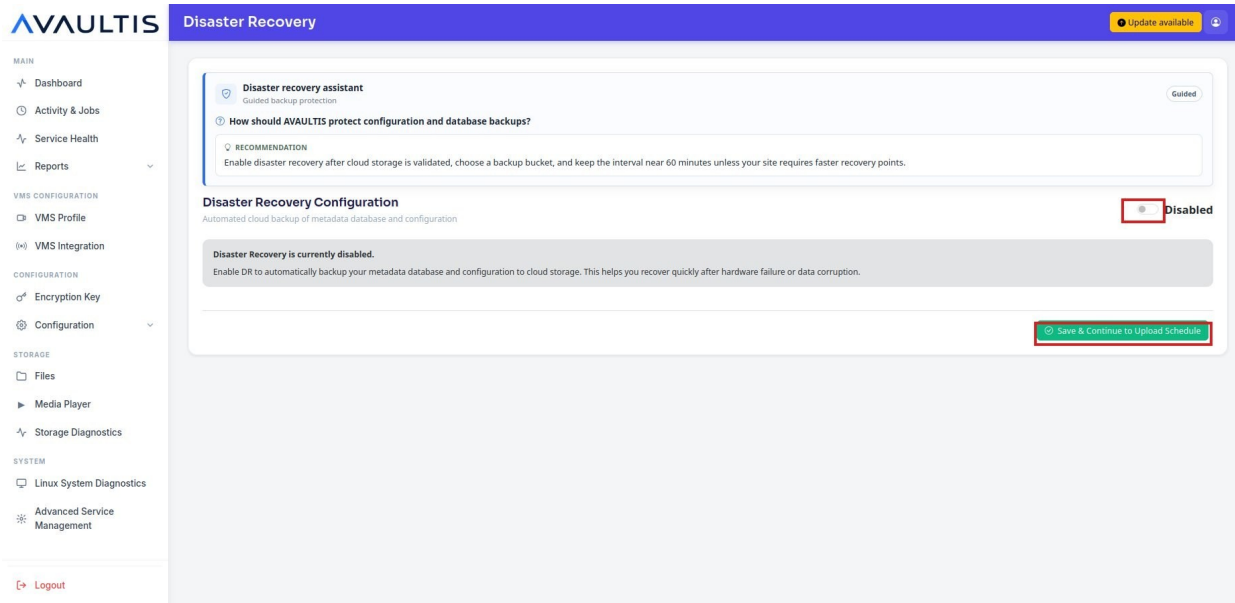


Log-management configuration.

5.10 Disaster Recovery

Disaster Recovery protects AVAULTIS configuration and metadata to support recovery. Configure the available backup destination and schedule according to your deployment requirements.

This feature protects AVAULTIS configuration and metadata; it should not be interpreted as complete VMS/server disaster recovery.

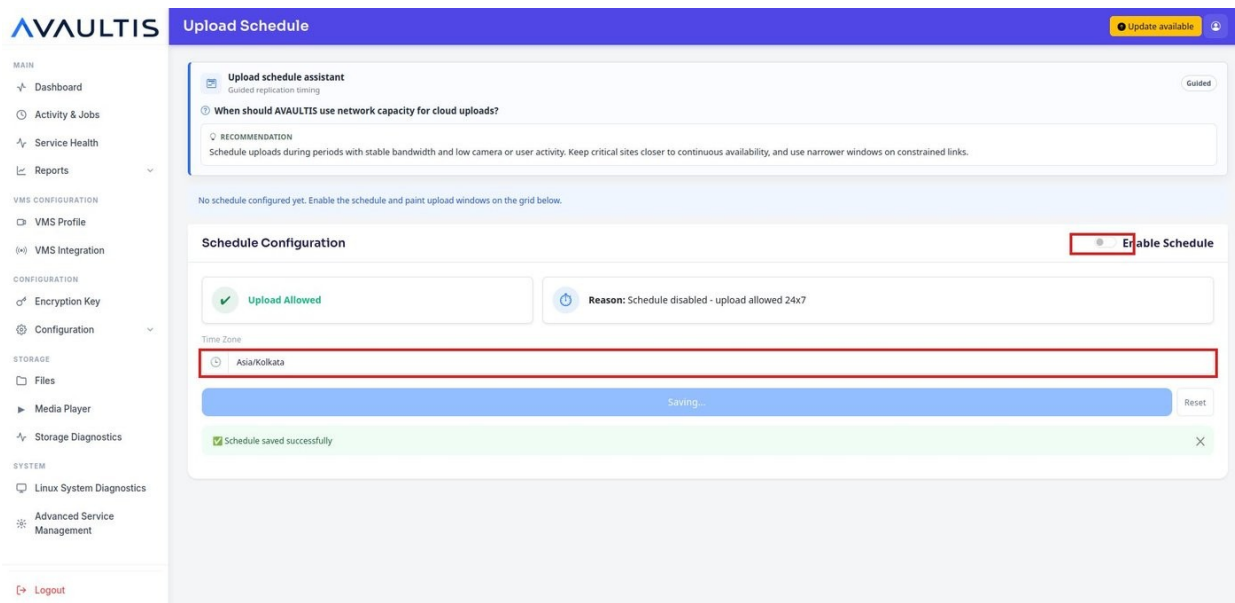


Disaster Recovery configuration.

5.11 Configure the Upload Schedule

Use the upload schedule to define when cloud replication is allowed to run. This can help align AVAULTIS activity with network capacity and operating hours.

- Enable or disable scheduling.
- Define allowed upload windows.
- Save the schedule and confirm the expected status.



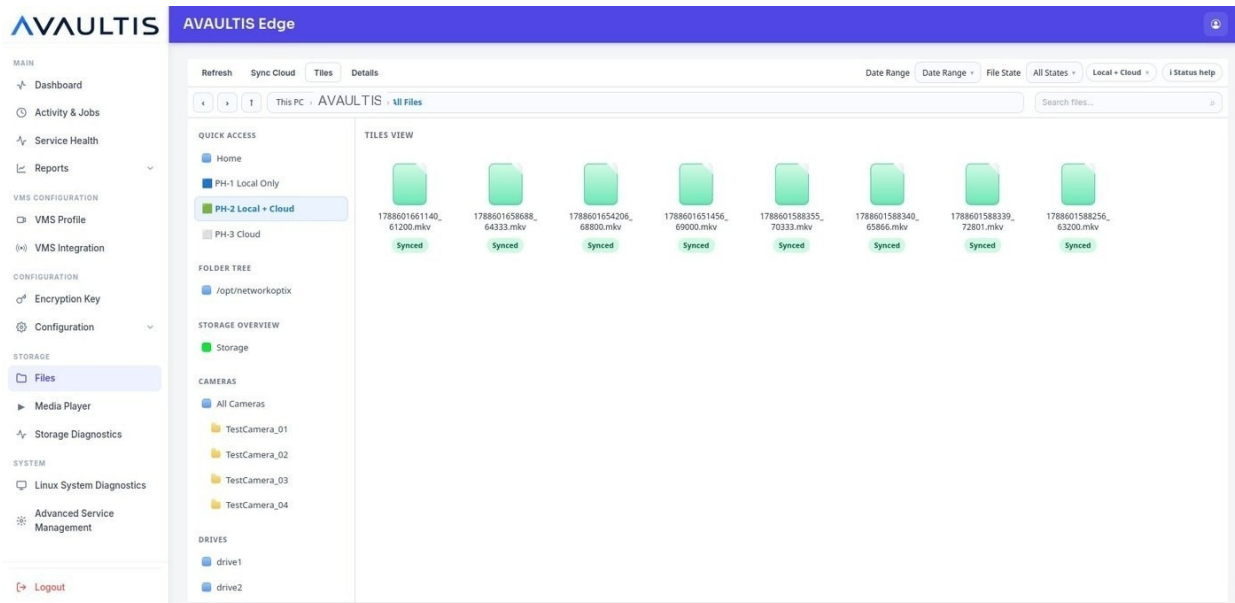
Upload-schedule configuration.

6. Operate AVAULTIS

6.1 Browse and Manage Files

The Files view provides visibility into recordings managed by AVAULTIS, including where data currently resides and its lifecycle state.

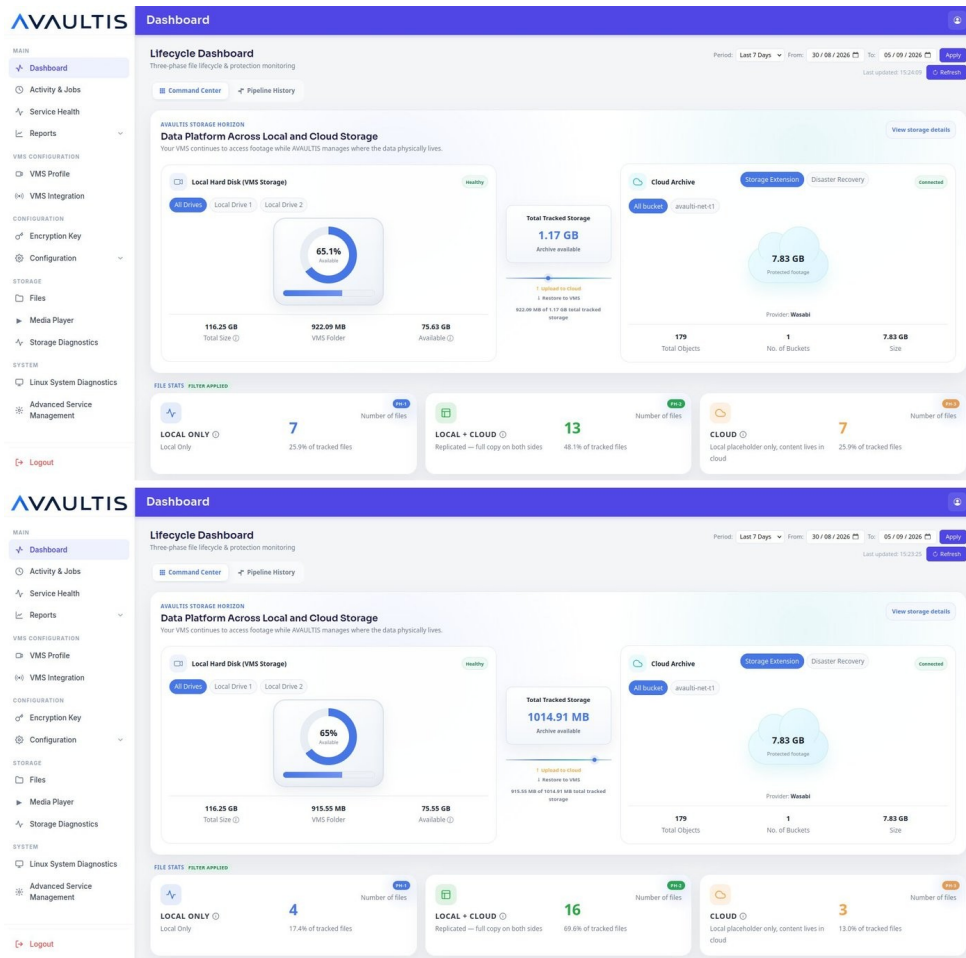
- Browse folders and recordings.
- Review lifecycle/storage state.
- Locate historical recordings.
- Initiate supported restore or file actions when required.



Files view for managed recordings.

6.2 Monitor the Lifecycle Dashboard

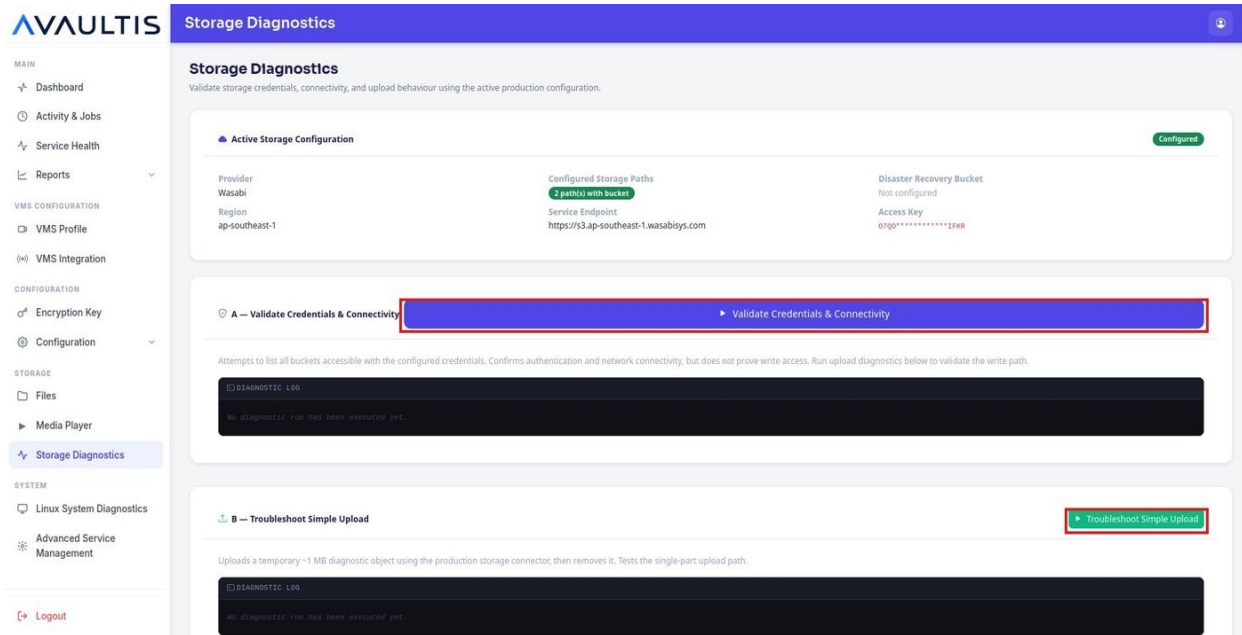
The Dashboard summarizes the operational state of the video-data lifecycle, including local and cloud storage information and file counts by lifecycle phase. Use it as the primary at-a-glance view of AVAULTIS activity.



Lifecycle dashboard.

6.3 Run Storage Diagnostics

Storage Diagnostics helps validate storage configuration, credentials, connectivity and upload behavior. Use diagnostics after initial setup, after credential or network changes, or when replication is not behaving as expected.



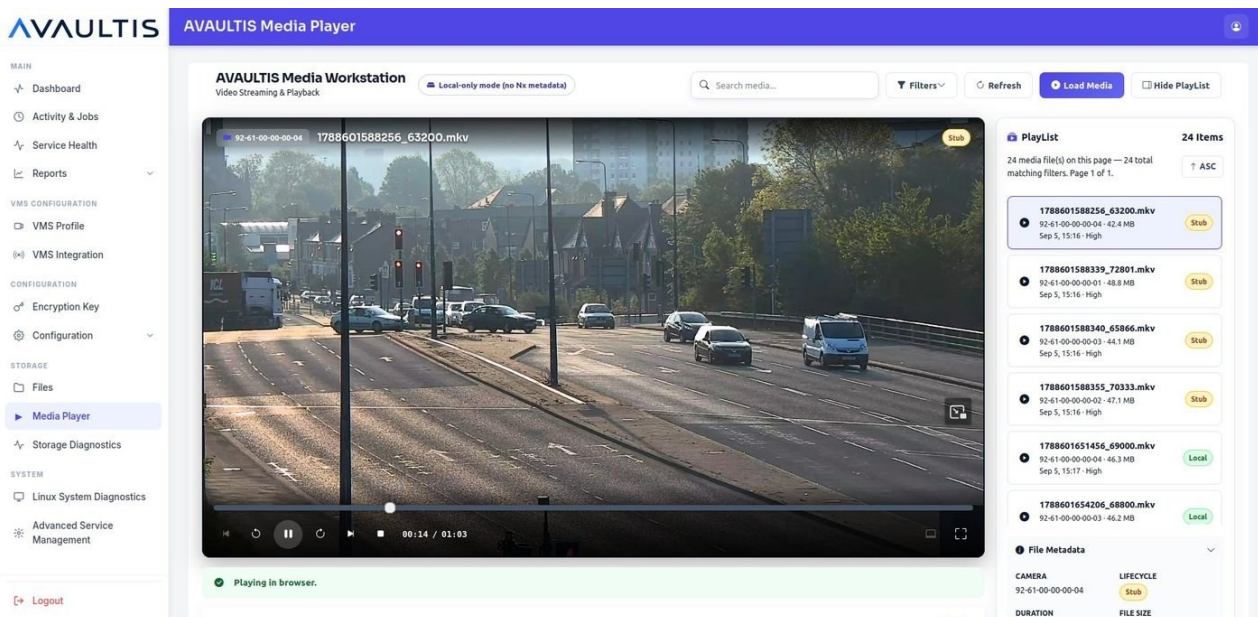
Storage diagnostics.

6.4 Built-in Video Player and Restore

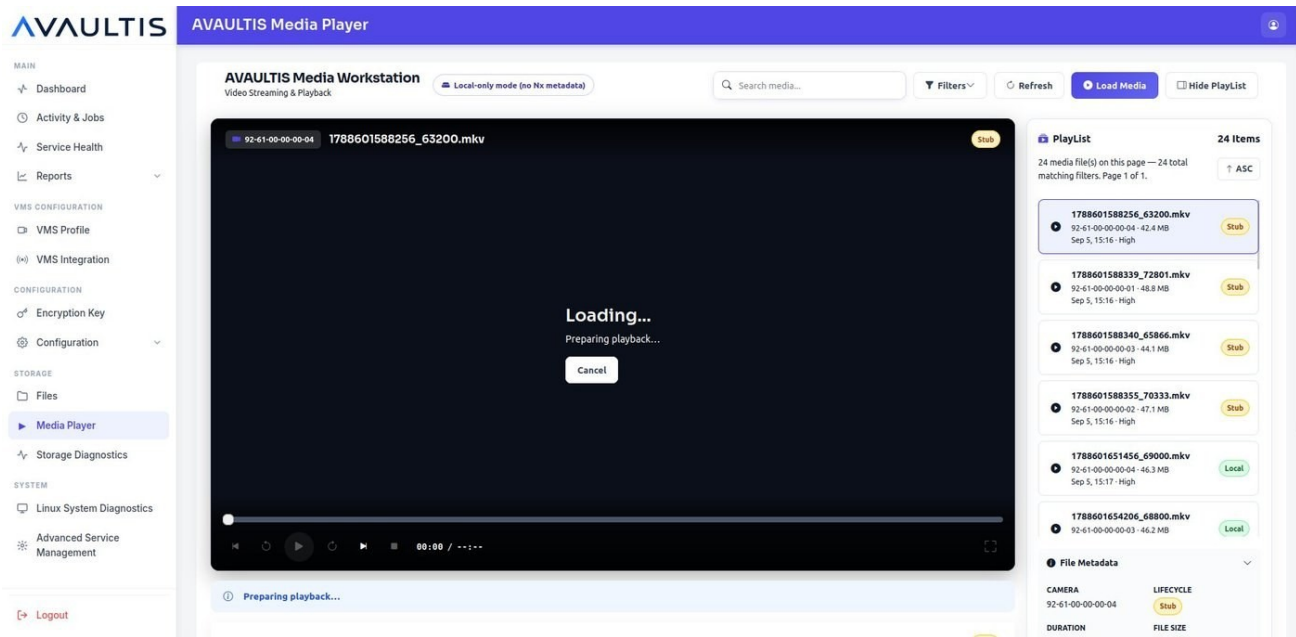
AVAULTIS includes a built-in video player that provides an additional way to retrieve and review previously recorded footage without relying exclusively on the VMS player.

When a selected recording is cloud-resident, AVAULTIS can restore the recording as part of the historical-video workflow and make it available for review.

1. Open **Media Player**.
2. Locate or select the recording to review.
3. If the recording is cloud-resident, initiate the restore workflow.
4. After the recording becomes available, use the AVAULTIS player controls to review the footage.



AVAULTIS built-in media player.



Historical-video playback workflow.

7. AVAULTIS Web

AVAULTIS Web is the hosted administration portal used for organization-level functions that are separate from the local AVAULTIS configuration interface.

Depending on account permissions, administrators can use AVAULTIS Web for user and location access, license management and software downloads. Commercial/account functions may also be available to authorized tenant administrators.

Common administrative tasks

- Review the tenant dashboard.
- Manage users and access to locations.
- Manage license-key mappings.
- Download available AVAULTIS software packages and related resources.

AVAVULTIS
Enterprise Platform

Welcome back, sunil.

System overview & real-time monitoring

Updated 18:13:14 [REFRESH](#)

USERS & ROLES

Category	Count
Total Users	2
Active Users	2
Inactive Users	0

[LOGOUT](#)

AVAVULTIS Web tenant dashboard.

AVAVULTIS
Enterprise Platform

User Management
Manage system users and their roles

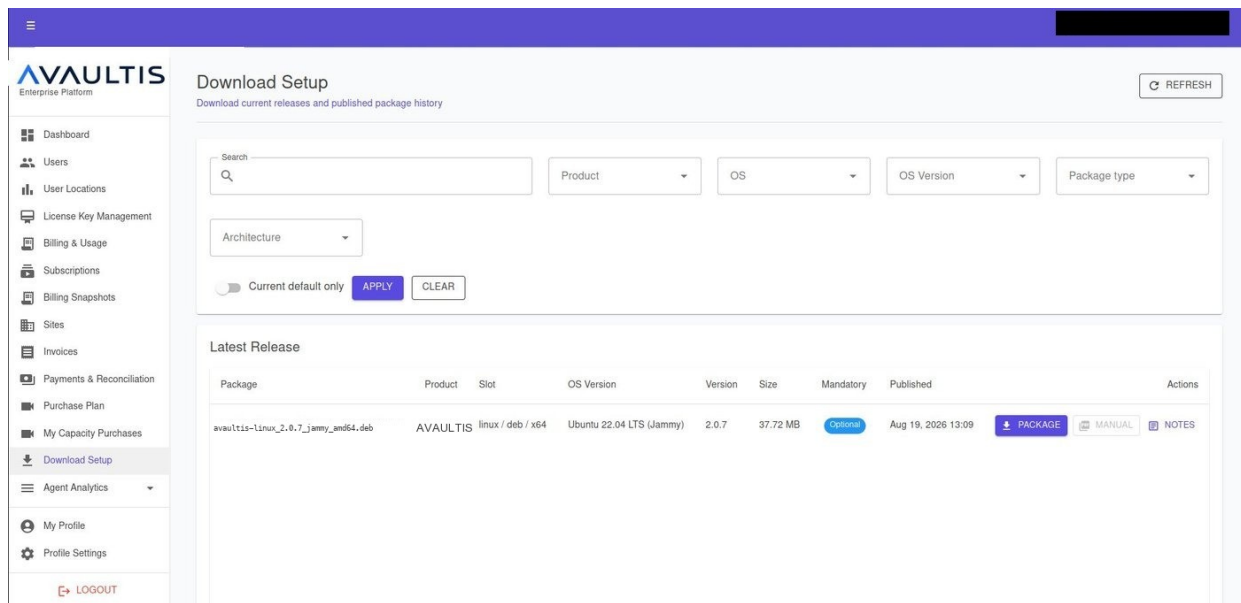
[ADD USER](#) [REFRESH](#)

Search by display name, username or email... [CLEAR](#)

User	Email	Tenant	Role	Status	Creation Date	Actions
[User Icon]	[Redacted]	[Redacted]	tenant_admin	Active	18 May 2026	[Actions]
[User Icon]	[Redacted]	[Redacted]	Admin	Active	14 May 2026	[Actions]

[LOGOUT](#)

User-management view.



Software-download view.

8. Settings Reference

Use this section as a quick reminder of the major settings. Exact labels may vary by software version.

Area	What it controls
VMS Profile	VMS connection and discovered cameras managed by AVAVULTIS.
VMS Integration	Optional AVAVULTIS event forwarding to the VMS.
Cloud Storage	Supported cloud provider, region and credentials.
Storage Paths	Mapping of local VMS recording paths to cloud buckets.
Lifecycle	Replication timing, local retention, restored-file retention and deletion behavior.
Performance	Bandwidth and concurrent-upload limits.
Log Management	Logging detail, rotation and cleanup.
Disaster Recovery	Protection of AVAVULTIS configuration and metadata.
Upload Schedule	Time windows when replication may run.
Files	Browse recordings and lifecycle state.
Media Player	Review historical video and restored recordings.
Storage Diagnostics	Validate storage connectivity and upload behavior.

9. Troubleshooting

Start with the relevant configuration page and Storage Diagnostics. The checks below cover common operational issues.

Issue	Check
VMS connection fails	Confirm VMS URL, credentials, network reachability and supported VMS configuration.
Cameras are missing	Refresh VMS discovery and confirm the cameras are visible and accessible in the VMS.
Cloud connection fails	Confirm provider, region, credentials, bucket access and network connectivity.
Recordings are not replicating	Check lifecycle timing, upload schedule, storage mapping, bandwidth limits and diagnostics.
Upload backlog grows	Review available bandwidth, concurrency, upload windows and server readiness.
Historical video is not immediately available	Confirm whether the recording is cloud-resident and allow the restore workflow to complete.
Dashboard appears empty	Confirm setup is complete and AVAULTIS has begun managing recordings.

10. Frequently Asked Questions

Does AVAULTIS replace my VMS?

No. AVAULTIS works alongside the supported VMS and manages the underlying video-data lifecycle.

Do I need to enter every camera manually?

No. AVAULTIS connects to the VMS and discovers VMS configuration and camera information through the supported integration.

Can AVAULTIS review historical footage?

Yes. AVAULTIS includes a built-in video player and supports restoring cloud-resident recordings for historical review.

What cloud storage is covered by this guide?

AWS S3 and Wasabi are the supported cloud-storage environments documented for this public guide.

Can I control when replication occurs?

Yes. Lifecycle settings determine replication timing, while performance and upload-schedule settings control how and when transfers run.

What does Disaster Recovery protect?

The documented capability protects AVAULTIS configuration and metadata to support recovery.

Documentation and Support

For the latest AVAULTIS documentation, compatibility information and software resources, visit www.atrisolutions.com/products/avaultis/.

For installation requirements and first-time software installation, see the AVAULTIS Installation Guide.